



The power to thoroughly see it through

We're transforming radiology with AI and cloud-based solutions that demonstrate value and provide better patient care. We free the radiology team from distractions, interruptions, and delays that get in the way of staying focused, moving quickly, and working smarter. We ensure every detail of the patient's journey is thoroughly seen through so that the best clinical, operational, and financial outcomes are realized.

Most patient care involves imaging, but the best outcomes don't just happen because an image was taken. They occur when everything surrounding the image—and as a result of that image—happens as it should, easily and automatically.

It starts with the initial interpretation, continues through the report creation and recommendation process, and then follows through to the monitoring of compliance with those recommendations during the patient's care journey.

We understand the level of detail that radiology deals with every day, and we understand what's necessary to get the job done. We know how radiologists work, what they need, and what's at stake. We provide you with support, guidance, and automation when and where you need it—at your fingertips. With Nuance by your side, you have the power to thoroughly see it through for the best outcomes possible.

Tackling radiology's biggest challenges

The ability to overcome radiology's biggest challenges—inefficient work practices that lead to burnout, inconsistency of recommendations, challenges due to failed follow-ups, unnecessary imaging, prolonged length of stay, and the need for new revenue streams—is key to an organization's ongoing success. Nuance believes that when everything is thoroughly seen through, these challenges can be met head-on, and real progress can be made to overcome them.

What if you could improve follow-up adherence?

Did you know that there is a 71% follow-up failure rate for patients with incidental pulmonary nodules? Because pulmonary nodules between 5 and 10 mm have more than 28% probability of malignancy, failure to ensure follow-up can lead to delayed diagnoses and poor outcomes. What impact would there be to your patients and the organization if you could help reverse the effects of failed follow-up? Nuance believes radiologists can contribute to better care when they have automated tools that track, monitor, and document missed follow-ups. Supporting follow-up tracking with AI-driven automation immediately shows more value to the entire care team, and can even recoup revenue attributable to follow-up studies performed.



Using clinical analytics and automated tracking, UR Medicine Thompson Health **tripled the number of recommendations tracked, increased recommended examination completion by 29%** and **reduced the risk of delayed diagnosis by 80%** through an innovative “backstop” initiative.

What if you could drive consistency across recommendations?

Recommendation variability often leads to dissatisfied ordering physicians and unnecessary procedures. Inconsistencies across recommendations create poor patient outcomes, fuel legal risk, result in missed revenue opportunities, and damage credibility. When you harness deep learning algorithms and AI technologies embedded in your workflow, you can tap into automated clinical guidance and relevant priors, and implement department-wide standardized structured reporting. You can deliver report consistency and instill confidence among ordering physicians. And from greater consistency comes greater compliance, productivity, and satisfaction.



South Jersey Radiology Associates reduced the variability of reporting and **improved workflow efficiencies by 10%** by completely eliminating manual data mining and automating follow-up identification and tracking.

Delivering value at scale

- **2 out of 3 radiologists** rely on Nuance every day
- **3 out of 4 radiology reports** in the U.S. are created with Nuance technology
- Integrated with **40+ RIS and 17 PACS**
- **5,800+ connected facilities** for data and image exchange
- **1 million+ imaging studies** shared per month

Award-winning software and services

- **PowerScribe** for radiology workflow and reporting
- **PowerConnect** for communication and collaboration
- **PowerShare** for image and data exchange on the industry's largest network
- **mPower** for clinical analytics and actionable insights
- **AI Marketplace for Diagnostic Imaging** for workflow-integrated AI algorithms

“PowerScribe One transforms my dictations-on-the-fly into relevant, structured findings so that it’s not just my words, but their meaning in the context of my patient’s clinical situation. Then, by incorporating the data into the decision support workflow, I can become both more effective and more efficient.”

Tarik Alkasab, MD, PhD, Service Chief for IT/Informatics and Operations, Massachusetts General Hospital

What if routine tasks were automated to reduce burnout?

Of 25 specialties ranked in a recent Mayo Clinic study, radiology is the sixth highest in reported burnout. Workload has exploded, with a doubling of daily studies, a tenfold increase in number of daily interpretations, and a sixfold increase in number of images per exam. Inadequate tools and processes compound the effort, disruptions, and frustration that get in the way of fast, high-quality reports. Nuance believes that AI can and should be integrated into radiologists' daily lives to make their work more efficient, accurate, satisfying, and valued. Radiologists can then stay focused even when they need to collaborate and communicate, avoiding disruptions that take their eyes away from the image. Work is made easier because messages are auto-populated with links to relevant studies, enabling access to patient histories and evidence, saving radiologists time and allowing them to focus on their interpretation, interact more with colleagues, and become more visible to patients, playing a vital role in integrated clinical teams to improve patient care.



Baptist Health South Florida **increased report output by 25%** by balancing and optimizing workload distribution, and reduced phone call interruptions by 87% by leveraging an in-context communication platform.

What if you could reduce unnecessary imaging?

One-third of all medical imaging is unnecessary and redundant. Imaging costs around \$26 billion annually. This is not funding better clinical outcomes; it's slowing down patient care, exposing patients to undue radiation, and contributing to the view that radiology is just a cost center. Image sharing is a powerful solution. Nuance has created a radiology network that automates instantaneous image sharing and access across nearly 6,000 connected facilities. Add to this the benefits of evidence-based clinical guidance, which can facilitate more accurate, timely diagnoses and potentially prevent unnecessary additional studies that contribute to long hospital stays and take away from the bottom line. Results can be significant.



Over 50% of children's hospitals are connected to the "Make a Wish" network, mobilizing kids' imaging records to support remote access and reduce unnecessary imaging. And Cancer Treatment Centers of America built a 250+ site network in **60 days** using no internal resources at all.

"The way that we communicate with our referring physicians is through our reporting. And now, through artificial intelligence, we are changing our report from just being a description of what we are seeing to a more robust, informative, and interactive document that brings the radiologist out of that reading room to become a true part of the patient care process."

Jonathan Messinger, MD, Medical Director of Imaging, Baptist Health South Florida and Chief of Radiology, South Miami Hospital

From every vantage point, we help you thoroughly see it through...

Radiologists can stay focused on interpretations and recommendations when worklists are balanced, data entry and routine tasks are automated, relevant studies are readily accessible, and evidence-based guidelines are at their fingertips.

Radiology leadership can be confident that ordering physicians receive consistent recommendations, reports are high-quality, and diagnoses are accurate, appropriate, and timely. Patients are well-served and the department runs smoothly while contributing to the bottom line.

Radiology directors can use data and analytics to balance workflow and deliver automation tools that boost accuracy, minimize rework, and free radiologists from excessive disruptions that detract from timely interpretations and consistent recommendations.

CIOs can make sure that radiology systems deliver optimal effectiveness and use the EHR platform to boost productivity, drive organizational savings, and ensure effective imaging management.

CFOs can see the return on investment that positions radiology as a value center. Organizations can enhance early-stage care to minimize healthcare costs, reverse lost opportunities from failed follow-ups, and build predictable revenue through expanded services and improved efficiency.

What if you could reduce patients' length of stay?

Inpatient care makes up almost one-third of all healthcare expenses. Research has shown that focusing on efficiency leads to decreased length of stay (LOS), readmissions, and mortality. Nuance brings image sharing and workflow orchestration together to empower radiology to cut the time from exam request to completed report and do its part to accelerate care. We do this through tools that balance and distribute workload based on availability and subspecialty reading requirements, and with solutions designed for more intelligent workflow, more effective reading, and more intuitive communication methods. When each exam is dynamically assigned to the right resource, at the right time, it's easier for radiologists to stay focused on their clinical review. They can trust that work will be appropriately and automatically assigned to them so they don't have to search across worklists. This means less time between actionable recommendation and interventional procedure or treatment. And through our clinical analytics, it's easy to track inpatient recommendations and facilitate care coordination to help decrease LOS.



Radiology Associates of Canton and Aultman Hospital joined forces to actively follow up on inpatients, and using our data mining software, discovered they could **reduce LOS by three days** for those who underwent inpatient IR procedures, **saving nearly \$360,000** in the process.

What if you could find new ways to contribute to the bottom line and shift from a cost center to a value center?

It's difficult for radiology to employ all the subspecialists required to address all patient needs. Associated costs can deplete profit margins. We want you to be able to expand your operations into untapped areas of need via the cloud. We've made it possible for you to offer real-time teleradiology services to any medical organization that lacks the subspecialties required for its patients. Using Nuance's radiology network along with advanced AI capabilities, you can bring work from anywhere to your radiologists. Or if you are looking to quickly adopt and deploy a new service line, we can equip your radiology department with an end-to-end quality program, like lung cancer screening (LCS), so you can offer new and highly valuable services in a more efficient way.



Customers have saved on average **more than 44 administrative, clinical, and follow-up hours per week** by adopting our LCS solution.

The Nuance difference

Only Nuance has combined deep expertise in radiology and partnerships across the care ecosystem with AI and cloud-powered solutions to surround radiologists with everything they need to stay focused on what's important to demonstrate value.

Our unique capabilities are the broadest in the industry—bringing you solutions for reporting, workflow orchestration, communication, quality programs, and analytics.

Our radiology network promotes image sharing, providing opportunities for added revenue and delivering an infrastructure that supports development, validation, and adoption of AI. The Nuance AI Marketplace, an industry-first storefront that brings AI developers and subscribers together, drives our vision to ensure that AI becomes operational and integrated into the very fabric of the radiology workflow—making AI fully useful, usable, and used.

To learn more about how Nuance can help you improve radiology satisfaction, financial integrity, quality, compliance, and patient care, please call 877-805-5902 or visit [nuance.com/healthcare](https://www.nuance.com/healthcare).

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